

In accordance with 37 C.F.R. §1.121, a claim listing including the status and text of all claims as currently presented appears below.

LISTING OF CURRENTLY PENDING CLAIMS

1. (Previously Amended) A system for providing interaction between a client and a server, comprising:

means for automatically generating a bean;

means for providing at least one property that the bean represents;

means for providing a property field that describes usage of an attribute for the bean;

means for providing a type that describes the bean; and

means for utilizing the bean as a cache entity.

2. (Original) The system of claim 1, further comprising:

means for mapping the at least one property to a method in a stub.

3. (Previously Presented) The system of claim 1, further comprising:

means for providing a handle for the bean, wherein the handle is used for transaction contact.

4. (Canceled)

5. (Original) The system of claim 1, further comprising:

means for indicating if a value of one of the at least one property has changed.

6. (Previously Amended) A method for providing interaction between a client and a server, the method comprising the steps of:

automatically generating a bean, comprising the steps of:

providing at least one property that a bean represents;

providing a property field that describes the usage of an attribute for the bean; and

providing a type that describes the bean; and

using the bean to provide interaction between a client and a server.

7. (Original) The method of claim 6, further comprising the step of:
mapping the at least one property to a method in a stub.
8. (Previously Presented) The method of claim 6, further comprising the step of:
providing a handle for the bean, wherein the handle is used for transaction
contact.
9. (Canceled)
10. (Previously Presented) The method of claim 8, further comprising the step of:
indicating if a value of one of the at least one property has changed.
11. (Previously Amended) A computer readable medium for providing interaction
between a client and a server, comprising:
 logic that automatically generates a bean, further comprising:
 logic that provides at least one property that a bean represents;
 logic that provides a property field that describes usage of an attribute for
the bean; and
 logic that provides a type that describes the bean; and
 logic that uses the bean to provide interaction between a client and a server.
12. (Original) The computer readable medium of claim 11, further comprising:
 logic that maps the at least one property to a method in a stub.
13. (Previously Amended) The computer readable medium of claim 11, further
comprising:
 logic that provides a handle for the bean, wherein the handle is used for
transaction contact.
14. (Canceled)
15. (Original) The computer readable medium of claim 11, further comprising:
 logic that indicates if a value of one of the at least one property has changed.
16. (Previously Amended) A system for providing interaction between a client and a
server, comprising:
 an automatically generated bean, wherein said bean further comprises:
 at least one property that identifies the bean;

a property field that describes usage of an attribute for the bean;

a type that describes the bean; and

a cache for storing transient values for the at least one property for subsequent retrieval after a first use.

17. (Original) The system of claim 16, wherein the bean maps the at least one property to a method in a stub.

18. (Previously Presented) The system of claim 16, wherein the bean further comprises:

a handle for the bean, wherein the handle is used for transaction contact.

19. (Canceled)

20. (Original) The system of claim 16, wherein the at least one property includes a value to indicate that at least one property has changed.

21. (Previously Presented) The system of claim 1, wherein said means for utilizing said bean as a cache entity is configured to store transient values for said at least one property for subsequent retrieval.

22. (Previously Presented) The system of claim 1, wherein values stored in said cache entity are summarized into property sets.

23. (Previously Presented) The system of claim 22, wherein said property sets are configured for subsequent retrieval as one network package.

24. (Previously Presented) The method of claim 6, further comprising the step of: connecting the client to an interface repository and application dictionary.

25. (Previously Presented) The method of claim 6, further comprising the step of: generating a subclass for an interface bean class.

26. (Previously Presented) The computer readable medium of claim 11, further comprising:

logic that connects to an interface repository and application dictionary.

27. (Previously Presented) The computer readable medium of claim 11, further comprising:

logic that generates a subclass for an interface bean class.

28. (Previously Presented) The system of claim 16, wherein said transient values stored in said cache are summarized into property sets.

29. (Previously Presented) The system of claim 28, wherein said property sets are configured for subsequent retrieval as one network package.